



District Report Card: 2017


State: Tamil Nadu	District: Theni
Class: 8	Subject: Science
Schools: 51	Students: 1068


Participation/Coverage


Students

<div>GENDER</div> <div></div>	Boys		Girls	
	Number	%	Number	%
	520	48.69	548	51.31

<div>AREA</div> <div></div>	Rural		Urban	
	Number	%	Number	%
	760	71.16	308	28.84

<div>CATEGORY</div> <div></div>	SC		ST		OBC		GEN	
	Number	%	Number	%	Number	%	Number	%
	292	27.34	2	0.19	774	72.47	0	0.00

<div>CWSN</div> <div></div>	LD	VI	HI	S&LD	ID	Oth
	2	2	1	1	0	0

<div>Management</div> <div></div>	Government		Government-aided	
	Number	%	Number	%
	494	46.25	574	53.75

Average Performance of Students in Science (%)

Overall	Gender		Area		Management		Social Group			
	Male	Female	Rural	Urban	Govt.	Aided	SC	ST	OBC	GEN
34.18	34.72	33.67	34.96	32.27	33.45	34.81	33.88	33.33	34.30	0.00

Performance on Learning Outcomes (LOs)

Learning Outcomes	Description	Average Performance(%)
SCI703	Classifies materials and organisms based on properties/characteristics	37.80
SCI704	Conducts simple investigation to seek answers to queries	22.54
SCI705	Relates processes and phenomenon with causes	42.81
SCI708	Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc.	22.00
SCI710	Plots and interprets graphs	24.86
SCI711	Constructs models using materials from surroundings and explains their working	27.26
SCI801	Differentiates materials, organism and processes	35.61
SCI804	Relates processes and phenomenon with causes	49.36
SCI805	Explains processes and phenomenon	28.00
SCI807	Measures angles of incidence and reflection, etc.	25.00
SCI811	Applies learning of scientific concepts in day-to-day life	37.84
SCI813	Makes efforts to protect environment	52.43

Range of Performance of Students who Answered Correctly							
Below 30%		30% - 50%		50% - 75%		Above 75%	
Number	%	Number	%	Number	%	Number	%
465	43.54	445	41.67	148	13.86	10	0.94

Lowest Performing Learning Outcomes (LOs)

- 1 - Measures and calculates e.g., temperature; pulse rate; speed of moving objects; time period of a simple pendulum, etc. (22.00)
- 2 - Conducts simple investigation to seek answers to queries (22.54)
- 3 - Plots and interprets graphs (24.86)
- 4 - Measures angles of incidence and reflection, etc. (25.00)
- 5 - Constructs models using materials from surroundings and explains their working (27.26)